

Approved For  
25X1A2001/03/26 : CIA-RDP89B00569R000200010078-7  
26 PRE-FLIGHT and MISSION DATA

1. MISSION NR. 1114
2. AIRCRAFT NR. 366
3. MASTER RECORDING VI. 733
4. SLAVE RECORDING VI. 775
5. "X" BAND INFO-APP. NR. 41
6. "B" BAND INFO-APP. NR. 26
7. "L" BAND INFO-APP. NR. 35
8. "P" BAND INFO-APP. NR. 9
9. RAMEO NR. 1005
10. H. P. B. NR. 5
11. LINE FILTER G. 6
12. DEPARTURE TIME 14/000
13. A.C. ON 160/2 OFF 2227Z
14. SYSTEM ON 1600 OFF 2253
15. LANDING TIME 2253
16. JUNCTION BOX NR. 121
17. CONTROL BOX NR. 106
18. INFO-APP. POWER/SUPPLY NR. 116
19. HPB POWER/SUPPLY NR. 5
20. "I" FILTER HP 300 LP 2000
21. "S" FILTER HP 2KMC LP 8KMC

1. SLAVE RECORDER - TRACK NR. 1 FREQ. 10.5 KMC, PPS 1000, P.A. 5 USEC

NOISE: LEFT 200 MV. RIGHT 200 MV.  
 T/S: LEFT 48 DBM. RIGHT 49 DBM. "X" BAND PRE-FLIGHT  
 SAT: LEFT 25 DBM. RIGHT 22 DBM.  
 VOLTS: LEFT 15 RIGHT 15  
 10 DB/TS for 1 MIN. INDEXED LEFT ✓ RIGHT ✓

2. SLAVE RECORDER - TRACK NR. 3 FREQ. 420 KCS, PPS 1500, P.A. 5 USEC

NOISE: LEFT 250 MV. RIGHT 250 MV.  
 T/S: LEFT 35 DBM. RIGHT 35 DBM. "I" BAND PRE-FLIGHT  
 SAT: LEFT 11 DBM. RIGHT 10 DBM.  
 VOLTS: LEFT 15 RIGHT 15

3. MASTER RECORDER - TRACK NR. 1 FREQ. 150 KCS, PPS 1000, P.A. 5 USEC

NOISE: 100  
 T/S: 60 DBM  
 SAT: 40 DBM at 12 VOLTS "P" BAND PRE-FLIGHT  
 10 DB/TS for 1 MIN. INDEXED ✓

4. MASTER RECORDER - TRACK NR. 3 FREQ. 7.0 KMC, PPS 1000, P.A. 5 USEC

NOISE: LEFT 225 MV. RIGHT 225 MV.  
 T/S: LEFT 40 DBM. RIGHT 40 DBM. "S" BAND PRE-FLIGHT  
 SAT: LEFT 20 DBM. RIGHT 19 DBM.  
 VOLTS: LEFT 15 RIGHT 15

5. RECORDER CLOCK TIME: 1 KC MASTER ✓ SLAVE ✓  
 3 KC MASTER ✓ SLAVE ✓

6. PLANT LINE SPECTROGRAM:  
 "X" BAND NO TAKE  
 "B" BAND NO TAKE  
 "L" BAND GOOD TAKE MANY SIGNALS  
 "P" BAND " " " "

7. RECORDING GOOD

## 8 PRE-FLIGHT and MISSION DATA

DATE JUNE 14

1. MISSION DATE JUNE 14 4. RECEIVER NO. 42  
 2. MISSION NO. 1111 5. FREQUENCY 713  
 3. AIRCRAFT NO. 356 6. A. C. NO. 1601 OFF 2227

LANDING 2203  
TAKE OFF 1600

## 1. SERIAL NUMBERS OF RECEIVER BOARDS USED

RECEIVER "A" 3rd "IC" 129, "IF" 279, 2nd "IC" 28  
 RECEIVER "C" 3rd "IC" 80, "IF" 120, 2nd "IC" 116  
 RECEIVER "B" 3rd "IC" 116, "IF" 205, 2nd "IC" 58

PRE-FLIGHT 39, RF "A" 61, RF "B" 33, RF "C" 15

## 2. SENSITIVITY CHECK (MICRO-VOLTS)

BAND	REC'D	FREQ.	PRE-FLIGHT	POST FLIGHT
1	A	100.0	50	100
		102.8	40	30
		105.6	60	50
2	C	105.6	70	80
		108.4	55	50
		111.2	48	30
3	P	111.2	68	42
		114.0	52	36
		116.8	42	40
4	C	116.8	80	60
		119.6	65	40
		122.4	62	50
5	B	122.4	42	30
		125.2	58	26
		128.0	32	40
6	C	128.0	64	52
		130.8	48	37
		133.6	30	42
7	A	133.6	60	70
		136.4	74	48
		139.2	60	55
8	B	139.2	46	45
		142.0	48	35
		144.8	54	46
9	A	144.8	64	78
		147.6	72	55
		150.4	48	68

## 3. RANGE CHECK IDENTIFICATION

## TABLE 1

RECEIVER "B"  
 BAND 3, 114 mc 25  
 " 3, 125 mc 28  
 " 3, 142 mc 30

## TABLE 2

RECEIVER "A"  
 BAND 1, 102 mc 23  
 " 2, 131 mc 22  
 " 3, 142 mc 25

## TABLE 3

RECEIVER "C"  
 BAND 1, 102 mc 32  
 " 2, 131 mc 27  
 " 3, 142 mc 30

## 4. SPOT CHECK RESULTS

RECEIVER "A" SEARCH  
LOCK ON'S

RECEIVER "B" SEARCH  
LOCK ON'S

RECEIVER "C" SEARCH  
LOCK ON'S

5. RECEPTION DYNAMICS ALL RECEIVERS MADE LESS  
SENSITIVE THAN PREVIOUS.

6. FREQUENCY INTERFERENCE NORMAL

7. COMMENTS

25X1A